

205

Begin

REEL
529

SLAPANSKY, ANT.

SLAPANSKY, Antonin

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Ja '63.

SLAPANSKY, A.

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BOBOC, D., ing.; SLAPCIU, Gh., ing.

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Metrologia apl 11 no. 10:467-469 0 '64.

SLAPCIU, G., Ing.

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manufacturing monophasic electric meters. Metrologia apl
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SLAFICHIN, G.A.

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1. Krasnogorovskiy ogneupornyy zavod im. Lenina.

SLAPIN'SH, G. [Slapins, G.]

Great help to industry. Prof.-tekh. obr. 20 no.6:29 Je '63.
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1. Direktor Vysshikh inzhenerno-tekhnicheskikh kursov Soveta
narodnogo khozyaystva Latvyskoy SSR.

(Latvia--Technical education)

SLAPNICAR, Ivan, inz.; MERZEL, Marijan, inz.

Natural gas and petroleum products as raw materials for the
production of carbon black. Nafta Jug 13 no.11/12:312-316
N-D '62.

1. "Metan", Kutina.

SLAPETICAR, Ivan, inz.; MERZEL, Marijan, inz.

Gas and derivatives of petroleum as raw materials for
the production of carbon black. Nafta Jug 13 no. 11/12:
312-316 N-D '62.

1. "Metan", Kutina.

MERZEL, Marijan, inz.; SLAPNICAR, Ivan, inz.

Production, properties, and application of carbon black in rubber industry. Tehnika Jug. 17 no.10: Suppl.: Hemindustrija 16 no.10:1971-1976 0 '62.

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SLAPSAK, Stane, dipl. inz. (Ljubljana)

Conference on scientific research in mechanical and electrical
engineering. Nova proziv 3/4:239-240 54.

SLAPSAK, Stane, inz.

Second Yugoslav Conference on Component Parts and Materials.
Nova proizvod 14 no. 5/6:436 0 '63

SLASHCHEV, K.R., kand.ekonom.nauk; KHERMOV, P.A., prof.

Industrial upsurge in Russia in the nineties of the nineteenth century. Sbor.nauch.trud. Ivan.sel'khoz.inst. no.16:5-14 '58.

(MIRA 13:11)

1. Kafedra marksizma-leninizma Ivanovskogo sel'skokhozyaystvennogo instituta (for Slashchev).

(Russia--Industries)

ARTAMONOV, P.A., kandidat khimicheskikh nauk; STERLIN, B.Ya., kandidat tekhnicheskikh nauk; SLASHCHEV, N.S., inzhener; HUMSH, D.I., inzhener; ZELIKSON, T.I., inzhener; SHEYNIN, L.I., inzhener; ARAPOV, L.V.

Regeneration of a used catalyst with preliminary degreasing. Masl.-zhir. prom. 18 no.6:17-19 Je '53. (MLBA 6:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Artamonov, Sterlin). 2. Moskovskiy gidrozavod (for Slashchev, Humsh, Zelikson, Sheynin, Arapov). (Hydrogenation)

chem. abs. v. 4
1-25-54
Apparatus, Plant
Equipment, and
unit operations

Use of continuous vacuum filters in the manufacture of a catalyst. P. A. Artamonov, N. S. Slashev, and L. I. Shel'min (Moscow Hydro-Factory). *Mashinostroitel'skiy Zhurnal* (Moscow), No. 9, 6-8 (1953).— $\text{NiCO}_3(\text{I})$ and $\text{CuCO}_3(\text{II})$ suspension is fed by gravity flow into a semicircular trough contg. a half-submerged drum-shaped filter. The filter is subdivided into several sections which are intermittently connected with a vacuum line by means of a slide valve, as the drum rotates. The mother liquid is drawn in through the filter cloth, and water, flowing on the outside of the drum, cleans the catalyst, which is then scraped off by knives, dried, etc. Most rapid sedimentation of I and II occurs when they are obtained from Ni and Cu sulfate soln. contg. 9-10 g. of metals per l. at 50° . Under these conditions, 70% of the mother liquid was removed after a 4-5 hr. sedimentation period. The catalyst removed from the filter contained 0.68-0.97% of Na_2SO_4 . The temp. of the wash water should be from 36 to 50° . The diagrams of apparatus and data are given in 2 tables.

6-15-54
200

KOTEL'NIKOV, A.M.; SIA RCHW, U.S.

Second Conference of Young Geographers of Siberia and the
Far East. Zap. Zabaik. otd. Geog. ob-va SSSR no. 24:
137-139 '64. (MIRA 19:1)

PETRIYCHUK, Dmitriy Ignat'yevich; SLASHCHEVA, Lidiya Alekseyevna;
USTYUGOV, P., red.; CHOTIYEV, S., tekhn. red.

[Manganese and its importance in agriculture] Marganets i ego
znachenie v sel'skom khoziaistve. Frunze, Kirgizskoe gos. izd-
vo, 1960. 45 p. (MIRA 15:3)
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(Agriculture)

SLASHCHEVA, L.A.; USANOVICH, M.I.; SUMAROKOVA, T.N.

Complex compounds of monovalent copper with thiourea. Part 1:
Compounds of cuprous chloride and bromide. Zhur.ob.khim. 32
no.3:683-688 Mr '62. (MIRA 15:3)
(Copper compounds) (Urea)

SLASHCHEVA, L.A.; USANOVICH, M.I.; SUMAROKOVA, T.N.

Complex compounds of monovalent copper with thiourea. Part 2:
Compounds of cuprous chloride. Zhur.ob.khim. 32 no.8:2408-2411
Ag '62. (MIRA 15:9)

(Copper chloride) (Urea)

SLASECHEVA, L.A.; USANOVICH, M.I.; SUMAROKOVA, T.N.

Complex compounds of monovalent copper with thiourea. Part 3:
Compounds of cuprous sulfate. Zhur.ob.khim. 32 no.8:2412-2415
Ag '62. (MIRA 15:9)
(Copper sulfate) (Urea)

YANYSHEVA, S.K., otv.red.; SLASHCHEVA, S.K., otv.red.; KRIMER, I.L., otv.red.;
SOBOLEVA, V.S., otv.red.; SHURAN, Ye.M., otv.red.; FEDOSEYEV, V.A.,
red.; BENEVSKAYA, V.A., red.; SOLOV'YEV, S.M., tekhn.red.

[Cartographic chronicle; organ of the state bibliography of the
U.S.S.R., 1954] Kartograficheskaya letopis'; organ gosudarstvennoi
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1955. 124 p. (MIRA 12:7)

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(Bibliography--Maps)

GANZ, S.N.; BRAGINSKAYA, R.I.; GORODETSKIY, N.I.; LOKSHIN, M.A.
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OVCHARENKO, B.G.

Absorption of nitrogen oxides by milk of lime in mechanical
absorbers of a pilot plant. Izv.vys.ucheb.zav.; khim.i khim.
tekh. 5 no.1:155-159 '62. (MIRA 15:4)

1. Dnepropetrovskiy khimiko-tehnologicheskii institut imeni
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(Nitrogen oxides) (Lime)

ROZIN, B.B., inzh.; GEYFMAN, R.S., inzh.; DANILOV, A.M., inzh.;
SLASHCHEVA, V.M., inzh.; GUREVICH, Yu.G., kand. tekhn. nauk

Statistical analysis of causes for changes in the impact
toughness of 30X15SA steel with the use of punched card
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1. Zlatoustovskiy metallurgicheskiy zavod i Chelyabinskiy
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SLASHCHENYAN, V. (Kalinin).

Trainer. Kryl. rod. 7 no.10:12 0 '56.

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(Airplanes--Piloting--Study and teaching)

ZURKOV, P.E., prof.; BOGATSKIY, V.F., inzh.; SLASHCHILIN, I.T., inzh.

Determining the stability of the side slope of a pit. Izv.vys.
ucheb.zav.; gor.zhur. 5 no.2:92-96 '62. (MLRA 15:4)

1. Magnitogorskiy gornometallurgicheskiy institut imeni G.I.Nosova.
Rekomendovana kafedroy otkrytoy razrabotki poleznykh iskopayemykh.
(Strip mining) (Rocks--Testing)

ZURKOV, P.E., prof.; SLASHCHILIN, I.T., inzh.

Drawing ore through end workings. Izv.vys.ucheb.zav.;gor.zhur.
6 no.11:13-15 '63. (MIRA 17:4)

1. Magnitogorskiy gornometallurgicheskiy institut imeni Nosova.
Rekomendovana kafedroy podzemnoy razrabotki mestorozhdeniy
poleznykh iskopayemykh.

L 1112-66 EWA(k)/ENT(d)/FBD/FSS-2/ENT(1)/ENP(e)/ENT(m)/EEO(k)-2/ENP(1)/T/ENP(k)/
 EED-2/ENP(b)/EWA(m)-2/EWA(h)/EWA(c) SCTB/IJP(c) NG/EC/WH
 UR/0286/65/000/013/0042/0042
 621.375.8
 62-752.4
 ACCESSION NR: AP5021570

AUTHOR: Slashchin, M. S.; Kuz'min, Ye. I. 44
 16

TITLE: A laser gyroscope with a quartz resonator. Class 21, No. 172400

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 42

TOPIC TAGS: gyroscope, resonator, laser, quartz

ABSTRACT: This author certificate introduces a laser gyroscope (see Fig. 1 of Enclosure) containing a resonator composed of two joined quartz plates with quartz mirrors glued on them. This type of resonator assures the rigidity of the laser gyroscopes. Orig. art. has: 1 figure. [ZL]

ASSOCIATION: none

SUBMITTED: 23Mar64

NO REF SOV: 000

ENCL: 01

OTHER: 000

SUB CODE: NG, EC

ATD PRESS: 4099

Card 1/2

KOSHKIN, M. L., prof.; GIL'MAN, B. I.; DUDA, M. N.; DUDCHENKO, I. I.;
ZVYAGINTSEVA, L. I.; SLASHCHOVA, K. V.

Preventive irradiation of preschool and younger school-age children
with small (non-erythematic) doses of ultraviolet irradiation.
Vrach. delo no.6:127-132 Je '62. (MIRA 15:7)

1. Kafedra obshchey gigiyeny (zav. - prof. M. L. Koshkin)
Khar'kovskogo meditsinskogo instituta.

(ULTRAVIOLET RAYS--THERAPEUTIC USE)
(SCHOOL HYGIENE)

SLASKI, J.

Journal of the Science
of Food and Agriculture
Feb. 1954
Agriculture and Horticulture

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✓ Rate of transpiration of varieties of apple trees during dormancy
as an index of cold-resistance. J. Slaski and C. Katulska (*Rocz.
nauk Roln.*, 1953, 68A, 99-106).—No relation was apparent
between transpiration rates of dormant 1-year apple shoots and
winter hardiness. A. G. POLLARD.

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A few leaves from the history of piracy. p. 480, (WIEDZA I ZYCIE, Vol. 21, No. 7, July 1954, Warszawa, Poland)

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SLASKI, Tadeusz; MAZUREK, Ludwik

Necrosis of the renal papilla. Urol. polska 8:167-172 1956.

1. Z Kliniki Chirurgicznej A. M. w Lodzi. Kierownik: prof. dr.
Marian Stefanowski.

(KIDNEYS, diseases,
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(NECROSIS,
renal papillae. (Pol))

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Necrosis of the renal papillae. Polski tygod.lek. 11 no.47:
1992-1995 19 Nov 56.

1. Z I Kliniki Chirurgicznej A.M. w Lodzi; kierownik: prof.
dr. Marian Stefanowski, Lodz, Zielona 16.
(KIDNEY DISEASES, case reports,
necrosis of papillae (Pol))

KLEPACKI, W.; SIASKI, Z.

Brief characterization of the epidemic of Heine-Medin disease in 1951
in the Lublin province with special reference to early diagnosis. *Pediat.*
polska 28 no.4:395-400 Apr 1953. (CML 25:1)

1. Of the Pediatric Clinic (Head--Prof. W. Klepacki, M.D.) of Lublin
Medical Academy.

SLASKI, Zbigniew; WALESZYNSKA, Krystyna

Case of Heine-Medin disease in pregnancy. *Pediat. polska* 29 no.9:
900-903 Sept 54.

1. Z Kliniki Chorob Dziecięcych Akademii Medycznej w Lublinie.
Kierownik: prof. dr med. W. Klepacki i z Kliniki Ginekologiczno-
Poznawczej Akademii Medycznej w Lublinie. Kierownik: prof. dr med.
St. Liebhart.

(POLIOMYELITIS, in pregnancy,
case report)

(PREGNANCY, complications,
polio., case report)

32-1255-1261
GRZYCKA-WARAKOMSKA, Sylwia; SIASKI, Zbigniew

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1. Z Oddziału Zakaznego Kliniki Chorob Dzieci A. M. w Lublinie
Kierownik: doc. dr med. W. Klepacki. Adres: Otwock, ul. Korczaka 5,
Sanatorium im. J. Marchlewskiego.

(TUBERCULOSIS, MENINGEAL, compl.

late compl. of tuber. meningoencephalitis (Pol))

GRZYCKA-WARAKOMSKA, Sylwia; SIASKI, Zbigniew

Favourable effects of hormone therapy in tuberculous meningoencephalitis in children. *Pediat. polska* 32 no.12:1361-1365 Dec 57.

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(TUBERCULOSIS, MENINGEAL, in inf. & child
ther., ACTH in tuberc. meningoencephalitis (Pol))
(ACTH, ther. use
tuberc. meningoencephalitis in child. (Pol))

SLASKI, Zbigniew; SZCZEPANSKA, Irena

Contribution to the problem of the etiology of Stevens-Johnson disease. *Pediat. pol.* 38 no.5:497-505 My '63.

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Kierownik: doc. dr med. A. Sokolowska-Dekowa.

(STEVENS-JOHNSON SYNDROME)
(SULFAMETHOXYPYRIDAZINE)

SLANSKIY, D.A.

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Reviewed by D.A.Slanskii. Stroi. truboprov. 8 no.5:39-3 of cover
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(Compressors) (Pipelines--Design and construction) (Kurits, S.IA.)

CHERKES, Aleksandr Il'ich; MEL'NIKOVA, Valentina Fedorovna; SLASTEN, M.I.,
red.; GITSHEYN, A.D., tekhn. red.

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SLASTEN, N.F.; SINOVICH, L.I.

Case of subcutaneous myiasis in a 7-year-old child. *Pediatrics* no.5:
86-88 S-O '54. (MLRA 7:12)

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i Khabarovskoy krayevoy malyariynoy stantsii.
(MYIASIS, in infant and child,
subcutaneous)

KUZ'MINOV, I.I., red.; KLEPACH, N.Ya., red.; SLASTENENKO, V.A.,
red.; TREFILOV, V.A., red.; VORONINA, N., red.

[Socialist production collective] Sotsialisticheskii proiz-
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(MIRA 18:3)

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SLASTENIN, V.A., inzhener.

Reducing plant idling time. Tekst.prom. 16 no.9:7-8 S '56.
(Textile machinery) (MLBA 9:12)

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NAZAROV, N.T., kand.tekhn.nauk; SLASTENIN, Ye.V.; SOLOV'YEV, P.P., inzh.

Laboratory studies of an ejector. Sbor. trud. VNIIN ^{trud no.2:53-63}
'62. (MIRA 16:3)

1. Kuybyshevskiy inzhenerno-stroitel'nyy institut.
(Pumping machinery--Testing)
(Sand and gravel plants--Equipment and supplies)

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Dissertation: "New Bases for Solving Certain Problems in the Technology of Concrete." Cand
Tech Sci, Khar'kov Construction Engineering Inst, Khar'kov, 1954. Referativnyy Zhurnal--
Khimiya, Moscow, No 14, Jul 54.

SO: SUM No. 356, 25 Jan 1955

SLASTENKO, D.M.; VINARSKIY, V.L.

Acid permeability of acidproof cements. TSements 29 no.1:13-14 Ja-F
#63. (MIRA 16:2)

1. Khar'kovskiy inzhenerno-stroitel'nyy institut.
(Cement—Testing)

LEYKHTLING. K.A., nauchnyy sotrudnik; SLASTENKO, T.S., nauchnyy sotrudnik

Sawing timber for ties. Trudy VSNIPILesdrev no.7:17-26 '63.
(MIRA 17:2)

1. Vostochno-Sibirskiy nauchno-issledovatel'skiy i proyektnyy
institut lesnoy i derevoobrabatyvayushchey promyshlennosti.

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(MIRA 14:6)

(Bibliography--Labor productivity)

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Production cooperation and specialization are important potentials
for the increase of labor productivity. Vop. ekon. no.12:40-48 D '60.
(MIRA 13:12)

(Machinery industry—Labor productivity)

ISSR

DT-271

5 May 61°

ZEL'TSER, P. , and
SLASTENKO, Ye. , co-author in source an
article entitled "Improve the Economic
Liaisons in Industry".

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Conference on problems of specialization and cooperation in
industry. Vop. ekon. no. 8:156-157 Ag '61. (MIRA 14:7)
(Industrial organization--Congresses)

PAVLOV, Sergey Maksimovich; SLASTENKO, Yevgeniy Naumovich; CHERNOV, Ye.,
red.; KUZNETSOVA, A., tekhn. red.

[Specialization in the machinery industry] Spetsializatsia v
mashinostroenii. Moskva, Mosk. rabochii, 1962. 58 p.
(MIRA 15:3)

(Machinery industry)

DEMCHENKO, M.; SLASTENKO, Ye.

Problems of specialization and cooperation in machine construction industries. Mashinostroene 11 no.12:8 D '62.

POSPELOVA, Yevdokiya Alekseyevna; SLASTENKO, Yevgeniy Naumovich;
MAYEVSKIY, I.V., doktorekon. nauk, otv. red.; MAZOVER,
Ya.A., red. izd-va; SHEVCHENKO, G.N., tekhn. red.

[Production specialization in the food and light
industries] Spetsializatsiia proizvodstva v pishchevoi i
legkoi promyshlennosti. Moskva, Izd-vo AN SSSR, 1963. 310 p.
(MIRA 17:2)

SLASTENOV, G. I.

36066 (ratsional'noe ispol'zovanie domennogo gaza (v kotel'nykh) Za ekonomiyu topliva, 1949, No. 11, p. 35

SC: Letopis' Zhurnal'nykh Statey, Vol. 45, 1949

SLASTENKOV, G.I.

Metel ✓ Cleaning High-Pressure Blast-Furnace Gas. E. N. Teverov, A. M. Zaitsev, Yu. E. Minsev, Yu. A. Skoretskiy, G. I. Slastenkov, and P. S. Khodutinnikov. *Stal*, 1955, (2), 172-179. [In Russian]. An experimental installation for cleaning gas from blast-furnaces on high top-pressure operation is described and test results are reported. The installation consisted of a cord-filled scrubber, an electrostatic precipitator, a turbulent gas washer (a pipe with a Venturi constrictor into which water is injected), and a cyclone for removing droplets. It reduced the dust content of the gas to 10 mg/m³ with a water consumption of 1 l/m³ (both N.T.P.).

6

card for

Magnitogorsk Metallurgical Combine, NIIOGAZ,
Giprogazochistka

SLASTENOV, A.I.; KUZ'MENKO, K.N., kandidat fiziko-matematicheskikh nauk,
redaktor; LIMONOVA, M.I., tekhredaktor.

[Astronomy at Kharkov University during the last 150 years (1805-1955)] Astronomiia v Khar'kovskom universitete za 150 let (1805-1955); istoricheskii ocherk. Khar'kov, Izd-vo Khar'kovskogo gos. univ. imeni A.M.Gor'kogo, 1955. 183 p. [Microfilm] (MIRA 8:5)
(Kharkov University--History) (Astronomy)

S/035/62/000/004/001/056
A001/A101

AUTHORS: Bazhenov, G. M., Slastenov, A. I.

TITLE: The determination of absolute first-order perturbations caused by Jupiter and improvement of orbital elements of the asteroid Velleda (126)

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 4, 1962, 10 - 11, abstract 4A103 ("Tsirkulyar Astron.observ. Khar'kovsk. un-t", 1961, no. 23, 22 - 29).

TEXT: The absolute perturbations of elements a, e, M and matrices

$$M' = \begin{pmatrix} P_x & Q_x & R_x \\ P_y & Q_y & R_y \\ P_z & Q_z & R_z \end{pmatrix}$$

were found by G. M. Bazhenov by the method described in his Doctor's thesis "On first-order perturbations of orbital elements of a body having a vanishingly small mass". A. I. Slastenov determined, on the basis of the series obtained by

Card 1/2

The determination of absolute...

S/035/62/000/004/001/056
AC91/A101

G. M. Bazhenov, perturbations of the asteroid Velleda (126) at observational moments and improved the elements on the basis of 6 oppositions. The improved elements were obtained for the moment of osculation 1960, January 27.0 UT.

N. Ya. ✓

[Abstracter's note: Complete translation]

Card 2/2

SLASTENOV, A.I.

Improving the elements of the orbit of minor planet Amalia (284).
Uch.zap.KHGU 91:249-253 '57. (MIRA 15:3)
(Planets, Minor--Orbits)

SLASTENOV, M. P.

Cataract

Repeated paracentesis of the cornea in the treatment of cataracts. Vest. cft. 31 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

EXCERPTA MEDICA Sec.12 Vol.12/2 Ophthalmology Feb. 58

- ~~Slastenov, M. P.~~
267. THE TREATMENT OF OCULAR XEROSIS BY TRANSPLANTATION OF CA -
DAVERIC CONJUNCTIVA (Russian text). Slastenov M. P. ZAP.SOTS.
ZDRAVOOKH. UZBEK. 1956, 3 (64-66)

Transplantation of cadaveric healthy conjunctiva was performed in 5 patients on 7
eyes with trachomatous xerosis. The operation promotes moistening of the eye and
may enhance the visual acuity. The case notes and the method of operation are
cited. (S)

VOINOV, I.I.; ZEYBEL', Ye.Ya., zaveduyushchiy; SLASTENOV, Ye.P., dotsent, zaveduyushchiy; BOGDANOV, G.R., direktor.

Microbiological characteristics of cultures of dysentery bacilli. (Authors' abstract). Zhur.mikrobiol.epid. i immun. no.3:20-21 Mr '53. (MLRA 6:6)

1. Epidemiologicheskiy otdel Sverdlovskogo instituta epidemiologii i mikrobiologii (for Slastenov). 2. Rayonnaya sanitarno-bakteriologicheskaya laboratoriya (for Zeybel'). 3. Sverdlovskiy institut epidemiologii i mikrobiologii (for Bogdanov). (Dysentery)

VOINOV, I.I.; SLASTENOV, Ye.P., dotsent, zaveduyushchiy; BOGDANOV, G.F., direktor.

The problem of the "Heidelberg" infection. Biological characteristics of bacilli of the serological group of paratyphus B Heidelberg, excreted in diarrhea in newborn and in infants. Zhur.mikrobiol.epid.i immun. no.3:53-57 Mr '53. (MLRA 6:6)

1. Epidemiologicheskiy otdel Sverdlovskogo oblastnogo instituta mikrobiologii i epidemiologii (for Slastenov). 2. Sverdlovskiy oblastnyy institut mikrobiologii i epidemiologii (for Bogdanov). (Paratyphoid fever) (Diarrhea)

SIDOROV, D.P.; SLASTENOV, Yu.L.

Stratigraphy of Mesozoic coal-bearing sediments in the Ust'-
Vilyuy gas-bearing region. Trudy VNIGRI no.186:32-43 '61.
(MIRA 15:3)
(Verkhoyansk Range--Coal geology)

SLASTENOV, Yu.L.

Stratigraphy of Lower Triassic sediments the Kitchan uplift
(western Verkhoyansk Range). Trudy VNIGRI no.186:23-31 '61.
(MIRA 15:3)
(Verkhoyansk Range—Geology, Stratigraphic)

SLASTENOV, Yu.L.

Lower Triassic and Paranoites zone in the western
Verkhoyansk Range. Trudy VNIGRI no.220. Geol. sbor. no.8:
201-204 '63. (MIRA 17:3)

SLASTENOVA, Ye. M., Cand Med Sci (diss) -- "Pathohistological changes in the eyes with certain methods of inoculating animals with various strains of the tuberculosis bacillus". Samarkand, 1959. 15 pp (Samarkand Med Inst im Acad I. P. Pavlov), 250 copies (KL, No 9, 1960, 129)

SLASTENOVA, Ye.M.

Dispensary treatment of tuberculosis of the eyes. Sov.zdrav.Kir.
no.5:43-48 S-O '62. (MIRA 15:10)

1. Iz patofiziologicheskoy laboratorii nauchno-issledovatel'skogo
instituta tuberkuleza (direktor - doktor med.nauk Yu.A.Volokh) i
kliniki glaznykh bolezney Kirgizskogo gosudarstvennogo meditsin-
skogo instituta (rektor - chlen-korrespondent AN Kirgizskoy SSR
V.A.Isabayeva).

(EYE--TUBERCULOSIS)

KITAYEV, M.I., dotsent; SLASTENOVA, Ye.M., kand.med.nauk

Problem of tuberculosis in Kirghizistan. Sov.zdrav.Kir. no.5:60-
64 S-O '62. (MIRA 15:10)

1. Iz Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza
(dir. - prof. Yu.A.Volokh).
(KIRGHIZISTAN--TUBERCULOSIS--PREVENTION)

SLASTIKHIN, M.A.

Influence of neurolytic mixtures in the prevention of complications following the transfusion of heterogenous protein preparations. Akt. vop.perel.krovi no.7:295-301 '59. (MIRA 13:1)

1. Klinika obshchey khirurgii Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova (nachal'nik kliniki - prof. V.I. Popov).
(BLOOD PLASMA SUBSTITUTES) (SHOCK) (SYMPATHOMIMETICS)

SLASTIKHIN, M.A., mayor meditsinskoy sluzhby

Lytic cocktail in the prevention of anaphylactic shock in posttrans-
fusion reactions. Voen.-med.shur. no.8:63-69 Ag '59. (MIRA 12:12)

(HIBERNATION, ARTIFICIAL)

(BLOOD TRANSFUSION, complications)

(ALLERGY, etiology)

SLASTIKHIN, M.A.; KATAYEVA, G.A. (Leningrad)

Effect of a lytic cocktail on certain biochemical indices of the
blood in traumatic and anaphylactic shock. Biul.eksp.biol. i med.
48 no.9:71-77 S '59. (MIRA 13:1)

1. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.
(HIBERNATION, ARTIFICIAL eff.)
(ALLERGY exper.)
(SHOCK exper.)
(BLOOD chem.)

POPOV, V.I., prof., general-mayor meditsinskoy sluzhby; RAZUMEYEV, A.N.;
RYAZHKIN, G.A., podpolkovnik meditsinskoy sluzhby; SLASTIKHIN, M.A.,
mayor meditsinskoy sluzhby

Some problems in the pathogenesis of traumatic and anaphylactic
shock. Voen.-med. zhur. no.7:25-27 J1 '61. (MIRA 15:1)
(ALLERGY) (SHOCK) (BRAIN)

POMOSOV, D.V.; SLASTIKHIN, M.A.; YERYUKHIN, I.A. (Leningrad)

Two cases of anaphylactic shock following the administration of
bicillin. Klin.med. no.1:144-145 '62. (MIRA 15:1)

1. Iz kliniki obshchey khirurgii Voenno-meditsinskoy ordena Lenina
akademii (nach. - prof. V.I. Popov) imeni S.M. Kirova.
(ANAPHYLAXIS) (BICILLIN)

SLASTIKHIN, V

USSR / Soil Science. Cultivation. Improvement. Erosion.

J-4

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72758

Author : Slastikhin, V.

Inst : Not given

Title : Evaluation of Soil Erosion By Photographs

Orig Pub : Agrikultura shi viteritul Moldovey, 1958, No 2, 17-18;
Zemlodeliye i zhivotnovodstvo Moldavii, 1958, No 2, 14-15

Abstract : No abstract given

Card 1/1

42

YAROSHENKO, M.F.; SLASTIKHIN, V.V.

Problems of the utilization and conservation of bodies of water
in Moldavia. Okhr. prir. Mold. no.2:67-73 '61. (MIRA 15:8)
(Moldavia--Water resources development) (Moldavia--Fisheries)

SLASTIKHIN, V. V.

Nature of two-component torrential streams on slopes in Moldavia.
Izv. AN Mold. SSR no.9:12-16 '62. (MIRA 16:1)

(Moldavia--Iamoff) (Moldavia--Erosion)

MOLODOVANOVA, A.I.; SLASTIKHIN, V.V.

Results of field studies on the silting process in ponds of Moldavia.
Okhr. prir. Mold. no.3:8-14 '65.

(MIRA 18:10)

SI.ASTIKHIN, V.V.; PEN'KOVSKAYA, A.M.

Water for a nation's needs. Okhr. prir. Mold. no.3:23-24 '65.

(MIRA 18:10)

SLASTIKHIN, V.V.; KUZNETSOV, I.A., st. nauchn. sotr., retsenzent;
LISITSYNA, Ye.A., red.; SMIRNOVA, E., red.

[Problems in the melioration of slopes in Moldavia] Voprosy melioratsii sklonov Moldavii. Kishinev, "Kartia moldoveniaske," 1964. 211 p. (MIRA 17:8)

1. Sovet po problemam vodnogo khozyaystva AN SSSR (for Kuznetsov).

SLASTNIKOV, G.S. [deceased]

Polychaeta in Onega Bay of the White Sea. Mat. po kompl.izuch.
Bel.mor. no.1:411-427 '57. (MLRA 10:8)

1.Kafedra gidrobiologii i ikhtiologii Leningradskogo
Gosudarstvennogo universiteta.
(Onega Bay--Polychaeta)

5/14/71, Rev. J.F.
BRAUN, M.P.; VINOKUR, B.B.; IVANOV, F.I.; SLASTNIKOVA, L.F.

Austenite transformation during continuous cooling of certain steels
used in making large cross-section machine parts. Sbor. nauch. rab.
Inst. metallofiz. AN USSR no.7:137-148 '56. (MIRA 11:1.)
(Steel alloys--Metallography)

GERTSRIKEN, S.D.; DEKHTYAR, I.Ya.; PLOTNIKOVA, N.P.; SLASTNIKOVA, L.P.;
YATSENKO, T.K.

Investigating diffusion in the iron - aluminum system in a wide
concentration range. Issl. po zharopr. splav. 3:68-76 ' 58.
(MIRA 11:11)

(Iron-aluminum alloys) - ~~(Diffusion)~~

GERTSRIKEN, S.D.; YATSENKO, T.K.; SLASTNIKOVA, L.F.

Investigating the diffusion of cobalt and iron along grain
boundaries. Issl.po zharopr.splav. 4:152-157 '59.

(MIRA 13:5)

(Diffusion) (Metal crystals)

18(4,7); 25(1) PHASE I BOOK EXPLOITATION SOV/2306

Академія наук Української СРР. Інститут металознавства

Вопросы физики металлов и металловедениа (Problems in the Physics of Metals and Metallography) Kiev, Izdu-vo AN Ukrain'skii SSR, 1959. (Series: Itsi: Shornik nauchnykh rabot, Nr 9) Errata slip inserted. 3,000 copies printed.

Ed. of Publishing House: V.I. Shkurko; Tech. Ed.: M.I. Yefimov; Editorial Board: V.M. Svechnikov, Academician, Academy of Sciences, Ukrainian SSR (Resp. Ed.); S.D. Gertsen, Doctor of Physical and Mathematical Sciences; and I.Ye. Dzhabyar, Doctor of Technical Sciences.

PURPOSE: This collection of articles is intended for scientific workers, assistants and engineers in the fields of the physics of metals, metallography, and metallurgy. It may also be useful to students of advanced courses in metallurgical and physical faculties.

CONTENTS: This collection of articles deals with the following topics: effect of high-speed heating, heat treatment, deformation, and crystallization conditions on phase transformations; structures, and properties of metals and alloys; the effect of additional alloying components on volumetric and intercrystalline diffusion in alloys; and the effect of repeated quench hardening and radioactive and ultrasonic treatment on the physical properties of alloys. No personalities are mentioned. References follow several of the articles.

Svechnikov, V.M., and A.Ye. Spasok. Investigation of Transformations in the Solid State of Cobalt-Rich Co-Cr Alloys 105

Changes in cobalt-base solid solutions and a more precise determination of phase ranges in equilibrium diagrams of the Co-Cr system are investigated. The microstructure of alloy samples is discussed.

Svechnikov, V.M., Yu.A. Kocherzinskiy, Ye.Ye. Mystrychenko, V.M. Pan, and A.K. Zhurikh. Investigation of the Cr-Ni-V Alloy System 120

Constitution diagrams and microstructures of various binary and ternary alloys were investigated. Changes of hardness with changes of temperature are shown.

Leenik, A.G., and G.Y. Kharkova. Displacement of Equilibrium Curves of α - and β -phases in the Fe-Cr Alloy System Due to Prolonged High-temperature Heating of the γ -phase 133

Electrolytic chromium and iron were used for making the alloys. Spiral samples, 20mm. long, were heated in a vacuum (10⁻⁶ mm. Hg), and electrical resistivity was measured. The drop of resistivity at the δ -transformation is discussed.

Slonimova, Ye. A. Anisotropy in the Diffusion in Cu-Au Alloys Undergoing Ordering 139

The calculation of diffusion coefficients for alloys undergoing ordering is made analytically by the method of mean energies and by the "configuration method."

Gertsen, S.D., and M.P. Pyvashnikov. Investigation of Voluntary Diffusion of Iron in Alloys 147

Alloys composed of Fe, 20 percent Al, and Fe + 0.39 percent Al were investigated. Samples 10 x 15 x 25 mm. were deformed and annealed. The mean grain size (0.25 μ m.) did not change after diffusion annealing (770 to 1250°C). The polished surfaces of the samples were coated with radioactive iron (1 to 2 microns thick). The depth of the diffusion layer (100 to 150 microns) varied with temperature and time of annealing.

Gertsen, S.D., T.K. Yatsenko, and L.P. Slanitskova. Investigation of Diffusion of Cobalt and Iron Along Grain Boundaries of Cobalt, Nickel, and Iron 154

The absolute values of diffusion coefficients for Co-Co, Co-Ni, Fe-Fe, and Fe-Ni, and the relative values calculated for grain-boundary diffusion and volumetric diffusion. The relationship between coefficients for both diffusions is discussed.

GERTSRIKEN, S.D.; YATSENKO, T.K.; SLASTNIKOVA, L.F.

Studying the diffusion of cobalt and iron along the grain
boundaries of cobalt, nickel and iron. Sbor. nauch. rab. Inst.
metallofiz. AN URSR no.9:154-161 '59. (MIRA 12:9)
(Diffusion) (Metal crystals)

35175

S/601/61/000/013/007/017
D207/0502

18.12.81

AUTHORS: Gertsriken, S. D. (deceased), Pryanishnikov, M. P. and
Glastnikova, L. F.

TITLE: Parameters of the diffusion process in the β -modifica-
tion of titanium and its alloys containing small admix-
tures of iron, cobalt and nickel

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut metalofyzy-
ky. Sbornik nauchnykh rabot, no. 13, 1961. Voprosy fi-
ziki metallov i metallovedeniya, 88-92

TEXT: The authors report a study of diffusion of Fe, Co and Ni in
the α -modification (b.c.c. structure) of 99.7% pure Ti and its
three alloys, containing 4 at.% Fe, 4 at.% Co and 4 at.% Ni. Dif-
fusion annealing was carried out at 800 - 1200°C in a quartz tube
filled with argon at atmospheric pressure. The argon was purified
by burning Mg in the tube. Diffusing elements were in the form of
radioactive tracers: Fe⁵⁵⁻⁵⁹, Co⁶⁰, Ni⁵⁹⁻⁶³. Concentration of a

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D207/D302

Parameters of the ...

tracer at a given distance along the sample was found by autoradiography: The sample was placed in contact with a photographic film and the optical density of the resultant image was measured with a microphotometer IMF-4 (IMF-4). Diffusion coefficients D were deduced from $D = -0.1086/t \cdot \tan \alpha$, where t is the duration of the diffusion annealing and $\tan \alpha$ is the slope of the tracer concentration plotted against the square of the distance along the sample. Atmos of Fe, Co and Ni moved very rapidly in β -Ti and its alloys: The diffusion coefficients were of the order of 10^{-7} cm²/sec. The activation energy E and the pre-exponential factor D_0 in $D = D_0 \exp(-E/RT)$ were both greater for diffusion of iron in the Ti-Fe alloy than in pure titanium, but this increase was such that the resultant D remained the same in Ti-Fe as in Ti. A similar effect was observed in diffusion of cobalt and nickel in Ti-Co and Ti-Ni alloys respectively. There are 3 figures and 2 tables.

SUBMITTED: January 18, 1960

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D207/D302

18.1180

AUTHORS: Gertsriken, S. D. (deceased), Yatsenko, T. K. and Slast-
nikova, L. F.

TITLE: Diffusion in silver-zinc alloys

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut metalofyzy-
ky. Sbornik nauchnykh rabot, n. 13, 1961. Voprosy fizi-
ki metallov i metallovedeniya, 93-99

TEXT: The authors investigated diffusion of Zn^{65} at 250 - 650°C in
the Ag + 33 at.% Zn alloy (f.c.c., α -phase), diffusion of Zn^{65} at
500 - 650°C in the Ag + 48 at.% Zn alloy (b.c.c., β -phase), and dif-
fusion of Ag^{110} at 400 - 650°C in the Ag + 49 at.% Zn alloy (b.c.c.,
 β -phase). Diffusion annealing was carried out in an atmosphere of
argon and the temperature was controlled with the $\partial\eta A-17$ (EPD-17)
apparatus. For the 33% Zn alloy a γ -counter and apparatus B-2
(B-2) were used to determine the distribution of Zn^{65} . For the 48 -

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Diffusion in silver-zinc alloys

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D207/D302

49% Zn alloys the tracer distributions were found by autoradiography: The sample was placed in contact with a photographic film and the optical density of the resultant image was measured. Diffusion coefficients D were deduced from $D = 0.1086/t \cdot \tan \alpha$, where t is the duration of the diffusion annealing and $\tan \alpha$ is the slope of the tracer concentration plotted against the square of the distance along a sample. The values of D in the β -phase alloys were 2 - 3 orders of magnitude greater than in the α -phase alloy. This was primarily due to the fact that the β -phase has b.c.c. structure which is a less tightly packed lattice and therefore diffusion through it is easier. Other, less important reasons for the difference between the rates of diffusion in the α - and β -phase are: D increases with concentration of zinc, and there are more interstitial atoms in the β -phase. There are 2 figures, 1 table and 12 references: 5 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: A. B. Kuper, D. Lazarus et al., Phys. Rev., 104, 6, 1936; D. Lazarus and C. Tomiruka, Phys. Rev., 103, no. 5, 1155, (1956); C.

Card 2/3

40976

S/659/62/009/000/006/030
1003/1203

18 1250

AUTHORS Gertsriken, S. D., Slastnikova, L. F., Yatsenko, T. K., Volkova, T. I., and Mirkin, I. L.

TITLE The relationship regularities in the diffusion of nickel in nickel-base alloys and the refractory properties of these alloys

SOURCE Akademiya nauk SSSR. Institut metallurgii. Issiedovaniya po zharoprochnym splavam. v. 9. 1962. Materialy Nauchnoy sessii po zharoprochnym splavam (1961 g.), 42-46

TEXT Data on the mobility of atoms at elevated temperatures are necessary for the investigation of heat resistant alloys. Such data were obtained here for different grades of nickel and of nickel-base alloys containing Cr, W, Mo and Co. A layer of radioactive Ni^{63} was electrolytically deposited on polished samples, which were heated to a temperature range from 970°C to 1170°C. The diffusion coefficient of nickel was calculated from the difference in the radioactivity of the surface before and after heating. The self-diffusion coefficients were calculated: for refined nickel: $D = 0.36 \exp(-64700/RT)$ cm²/sec, for commercial nickel: $D = 0.25 \exp(-63006/RT)$ cm²/sec. Diffusion coefficients of nickel into both refined and commercial grade alloys were calculated, and the mechanical properties as well as the melting points of the alloys were determined. The conclusion reached are that the long-time strength and the resistance to relaxation of nickel-base alloys

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The relationship between regularities in the...

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I003/I203

at 800°C is due chiefly to the structure and to the dislocations in the alloy, and that the thermal mobility of atoms of the chief components is of lesser importance. In the discussion, E. M. Pivnik expressed the opinion that the relationship between the diffusion in nickel-base alloys and their heat-resistance may be more complex than suggested by the authors, while, A. Ya. Shinyaev believed that may be premature to draw conclusions on the relationship between the heat-resistance of alloys and the diffusion at low temperatures. There are 2 figures and 2 tables

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GERTSRIKEN, S.D. [deceased]; SLASTNIKOVA, L.F.; YATSENKO, T.K.

Diffusion of nickel and chromium. Sbor. nauch. rab. Inst.
metallofiz. AN URSR no.14:31-36 '62. (MIRA 15:6)
(Nickel) (Chromium) (Diffusion)

S/601/62/000/016/022/029
E193/E383

AUTHORS: Gertsriken, S.D. (Deceased), Yatsenko, T.K.
and Slastnikova, L.F.

TITLE: Diffusion of iron in iron-hafnium alloys

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut
metalofyzyky. Sbornik nauchnykh rabot. no. 16.
Kiyev, 1962. Voprosy fiziki metallov i
metallovedeniya. 158 - 167

TEXT: The radioactive tracer technique was used to study
the effect of small (0.02 - 0.53%) Hf additions on the diffusion
of Fe in dilute Fe-Hf solutions containing about 0.008% C in both
the γ and α ranges. Conclusions - 1) The coefficient of
diffusion of Fe in both γ and α modifications is practically
unaffected by Hf addition in the concentration range studied.
The same applies to the pre-exponential factors and activation-
energy for volume-diffusion of Fe in Fe-Hf alloys. 2) The
conditions of diffusion in the α and β phases are different
for both pure Fe and Fe-Hf alloys. Transition from the body-
centered to face-centered cubic crystal structure brings about
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